

CLAIMS

1 1. A scalable processing system, comprising:

2 a memory device that includes a plurality of executable program instructions, wherein
3 each of said executable program instructions includes a timetag data field indicative of the
4 nominal sequential order of said associated executable program instructions; and

5 a plurality of processing elements, which are configured and arranged to receive
6 executable program instructions from said memory device, wherein each of said processing
7 elements executes executable instructions having the highest priority as indicated by the state of
8 said timetag data field.